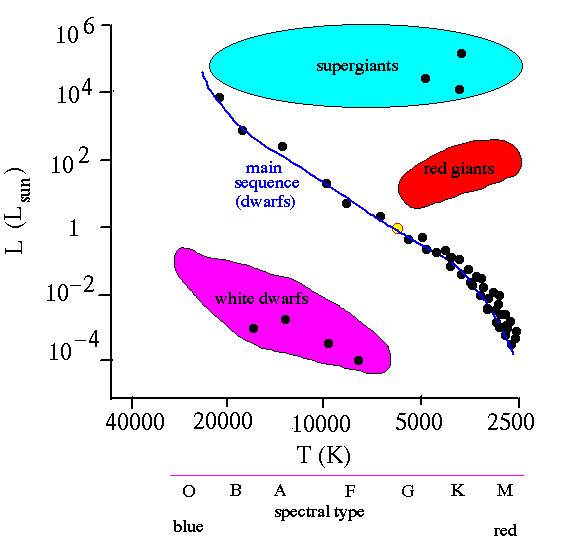
ES Warmups Week 19

Choose any 2 of the following questions to answer.

|  |  |
| --- | --- |
| 1. | What type of celestial body is the Sun? |
| 2. | What part of the Sun is visible during a solar eclipse? |
| 3. | What process does the Sun use to produce energy? |
| 4. | Where is the Sun located within our solar system? |
| 5. | What two elements are the most common in our Sun? |

Answer any 2 of the following questions.

|  |  |
| --- | --- |
| 1. | What is the difference between absolute and apparent magnitude? |
| 2. | Where is the asteroid belt located? |
| 3. | What type of star will our Sun become at the end of its life cycle? |
| 4. | Put the planets in order starting with the closest to the Sun. |
| 5. | What telescope has been the most helpful for increasing our understanding of the universe? |

Use the H-R diagram to answer the following questions.

1. Which stars are the dimmest?
2. Which stars are the biggest?
3. What group do most stars belong to?
4. Which type of star is our Sun?

Identify the following statements as true or false.

|  |  |
| --- | --- |
| 1. | The three shapes of galaxies are spiral, elliptical, and irregular. |
| 2. | A low mass star can become a neutron star or a black hole. |
| 3. | The currently accepted theory of the formation of the universe is the Big Bang Theory. |
| 4. | The Milky Way is a spiral galaxy. |
| 5. | Our Sun is one of the biggest and brightest stars in the universe. |